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INTERNATIONAL CENTRE FOR APPLIED SCIENCES

(Manipal University)

III SEMESTER B.S. DEGREE EXAMINATION – NOV./DEC.2016

SUBJECT: PRINCIPLES OF ARCHITECTURE FORM & SPACE (AE 233)

(BRANCH: ARCHITECTURE)

Monday, 21 Nov. 2016

Time: 3 Hours

Max. Marks: 100

- ✓ Answer ANY FIVE full Questions.
- ✓ Missing data, if any, may be suitably assumed.
- ✓ Support your answers with sketches wherever required.

1. Give various distinctions between style and character. (20 MARKS)
2. What is structural skeleton of form. (20 MARKS)
3. Explain the aspects of unity. (20 MARKS)
4. a. Differentiate between proportion and scale with examples.
b. Explain the terms human scale and monumental scale. (10 X 2 = 20 MARKS)
5. a. Explain briefly the various space concepts that have evolved in history
b. Name the types of space concepts. (10 X 2 = 20 MARKS)
6. How do color, tone and light modify the quality of form? (20 MARKS)
7. Explain the following theories in design process.
a) Barlett
b) Cognitive approach
c) Guilford
d) Wertheimer (5 X 4 = 20 MARKS)
8. List the 'Shifts in Paradigm' through history. What is the influencing factors defining good architecture today. (20 MARKS)

